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Johnson

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(54) **WATER TESTING METHOD AND APPARATUS**

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(57)

ABSTRACT

An automated water testing apparatus and to a method of using the apparatus to test the amounts of dissolved salts and other solids in a water sample, where the apparatus includes a specially constructed sample bottle which preferably has a flexible wall and is fitted with a filter cap having a mesh top wall through which sample water can be poured to remove suspended matter, several beakers, a desiccator enclosure, a computer containing a database and an inventive computer program for executing method steps, and several devices in communication with and controlled by the computer and the program for executing the method, these devices preferably including a conductivity meter having a meter electrode, a robotic arm having a gripper, an analytical scale, a top loader balance scale and an oven.

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11 Claims, 6 Drawing Sheets

